

IN THE CLAIMS:

Please amend claims 77, 90, 103.

1 77. (Currently Amended) A method for managing a computer network, comprising:

2
3 operating a plurality of servers connected to the network, each server of the plu-
4 rality of servers connected to one or more storage devices, each storage device of the one
5 or more storage devices having one or more data storage disks;

6
7 assigning selected storage devices of the one or more storage devices to a particu-
8 lar volume, the one or more storage devices assigned to a plurality of volumes;

9
10 consolidating one or more selected volumes of the plurality of volumes into a
11 group of volumes to produce a plurality of group of volumes;

12
13 identifying a party interested in statistical information related to operation of a se-
14 lected group of volumes; ~~and~~

15
16 polling all volumes within the selected group of volumes of the plurality of
17 groups of volumes, by a monitoring process, for statistical information;
18

19 comparing the monitored statistical information to a threshold value to determine
20 whether an event has occurred; and
21
22 ~~displaying the statistical information related to the selected group of volumes to~~
23 ~~the interested party identified as interested in the statistical information of the selected~~
24 ~~group of volumes in response to determining that an event has occurred, notifying the~~
25 ~~interested party.~~

1 78. (Previously Presented) The method according to Claim 77, further comprising:

2 determining the identity of the party in response to a predetermined event condi-
3 tion.

1 79. (Previously Presented) The method according to Claim 78, further comprising:

2 setting a threshold value for a parameter of a storage device in a predetermined
3 group; and

4 determining the event condition in response to the parameter exceeding the
5 threshold value.

1 80. (Previously Presented) The method according to Claim 79, further comprising:

2 including in the parameters at least one of a central processing utilization level, a
3 storage disk free space, a storage disk used space, and environmental condition, and an
4 operational status.

1 81. (Previously Presented) The method according to Claim 77, further comprising:

2 sending by e-mail to the party a notification of the statistical information related
3 to the selected group of volumes.

1 82. (Previously Presented) The method according to Claim 81, further comprising:

2 including at least one web link in the e-mail for use by the interested party.

1 83. (Previously Presented) The method according to Claim 77, further comprising:

2 retaining information with respect to the interested party in a database.

1 84. (Previously Presented) The method according to Claim 77, further comprising:

2 reporting the statistical information related to the selected group of volumes to a
3 web page so that the party can obtain the statistical information by accessing the web
4 page.

1 85. (Previously Presented) The method according to Claim 77, further comprising:
2 presenting the statistical information related to the selected group of volumes
3 through a graphical user interface.

1 86. (Previously Presented) The method according to Claim 77, further comprising:
2 placing alerts on the graphical user interface, the alerts identifying a problem
3 condition shown by the statistical information related to the selected group of volumes.

1 87. (Previously Presented) The method according to Claim 86, further comprising:
2 coding the alerts with color to indicate a severity of the problem condition.

1 88. (Previously Presented) The method according to Claim 77, further comprising:
2 consolidating the statistical information related to the selected group of volumes
3 with a statistical information related to an another selected group of volumes.

1 89. (Previously Presented) The method according to Claim 77, further comprising:
2 using a RAID array of disks as a storage device of the one or more storage
3 devices.

1 90. (Currently Amended) A computer network apparatus, comprising:

2 a plurality of servers, each server of the plurality of servers connected to one or
3 more storage devices, each storage device of the one or more storage devices having one
4 or more data storage disks;

5
6 a selected storage device of the one or more storage devices assigned to a particu-
7 lar volume, the one or more storage devices assigned to a plurality of volumes;

8
9 a group of volumes formed by consolidating one or more selected volumes of the
10 plurality of volumes into the group of volumes to produce a plurality of groups of vol-
11 umes;

12
13 statistical information related to operation of a selected group of volumes, the sta-
14 tistical information identified as being of interest to a party; and

15
16 a monitoring process used to poll all volumes within the selected group of vol-
17 umes of the plurality of group of volumes;

18
19 the monitored statistical information is compared to a threshold value to deter-
20 mine whether an event has occurred; and

21

22 ~~a display device to display the statistical information related to the selected group~~
23 ~~of volumes to the party identified as interested in the statistical information of the se-~~
24 ~~lected group of volumes~~ the party is notified if it is determined that an event has oc-
25 curred.

1 91. (Previously Presented) The apparatus according to Claim 90, further comprising:

2 an event condition, the identity of the party determined in response to the event
3 condition.

1 92. (Previously Presented) The apparatus according to Claim 91, further comprising:

2 a threshold value set for a parameter of a storage device in a predetermined group;
3 and

4 the event condition determined in response to the parameter exceeding the
5 threshold value.

1 93. (Previously Presented) The apparatus according to Claim 92, further comprising:

2 the parameters selected from at least one of a central processing utilization level, a
3 storage disk free space, a storage disk used space, and environmental condition, and an
4 operational status.

1 94. (Previously Presented) The apparatus according to Claim 90, further comprising:

2 an e-mail message sent to the party, the e-mail message referring to the statistical
3 information related to the selected group of volumes.

1 95. (Previously Presented) The apparatus according to Claim 94, further comprising:
2 at least one web link included in the e-mail message for use by the interested
3 party.

1 96. (Previously Presented) The apparatus according to Claim 90, further comprising:
2 a database to retain information with respect to the interested party.

1 97. (Previously Presented) The apparatus according to Claim 90, further comprising:
2 a web page to report the statistical information related to the selected group of
3 volumes so that the party can obtain the statistical information by accessing the web
4 page.

1 98. (Previously Presented) The apparatus according to Claim 90, further comprising:
2 a graphical user interface to present the statistical information related to the se-
3 lected group of volumes.

1 99. (Previously Presented) The apparatus according to Claim 98, further comprising:
2 alerts placed on the graphical user interface, the alerts identifying a problem
3 condition shown by the statistical information related to the selected group of volumes.

1 100. (Previously Presented) The apparatus according to Claim 99, further comprising:
2 color to code the alerts to indicate a severity of the problem condition.

1 101. (Previously Presented) The apparatus according to Claim 90, further comprising:
2 the statistical information related to the selected group of volumes consolidated
3 with a statistical information related to an another selected group of volumes.

1 102. (Previously Presented) The apparatus according to Claim 90, further comprising:
2 a RAID array of disks used as a storage device of the one or more storage devices.

1 103. (Currently Amended) A computer readable media, comprising:
2 said computer readable media containing instructions for execution on a processor
3 for the practice of a method of managing a computer network, the method having the
4 steps of,

operating a plurality of servers connected to the network, each server of the plurality of servers connected to one or more storage devices, each storage device of the one or more storage devices having one or more data storage disks;

assigning selected storage devices of the one or more storage devices to a particular volume, the one or more storage devices assigned to a plurality of volumes;

consolidating one or more selected volumes of the plurality of volumes into a group of volumes to produce a plurality of group of volumes;

identifying a party interested in statistical information related to operation of a selected group of volumes; ~~and~~

polling all volumes within the selected group of volumes of the plurality of groups of volumes, by a monitoring process, for statistical information;

comparing the monitored statistical information to a threshold value to determine whether an event has occurred; and

~~displaying the statistical information related to the selected group of volumes to the party identified as interested in the statistical information of the selected group of~~

26 ~~volumes~~ in response to determining that an event has occurred, notifying the interested
27 party.